

### EAST Search History

Ref #	Hits	Search Query	Dbs	Default Operator	Plurals	Time Stamp
L2	249357	helical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 09:20
L3	12689	rackmount\$3 (rack adj mount\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 09:20
L4	529	(card adj (shelf shelf\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 09:20
L5	345	(L3 L4) and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 10:17
L6	10837	demanetization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 10:17
L7	59	16 same safety	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 10:17
L8	57	demanetization with (laser lazer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 10:17
S1	6	("5930119" "6239985" "6437660").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 15:46
S2	430	(361/788).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OFF		2007/10/05 07:46

### EAST Search History

S3	126	(361/733).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 07:49
S4	2031	(361/760).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 07:50
S5	777	(361/761).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/05 07:49
S6	269	S4 and slots	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 07:50
S7	57	stglic.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 07:57
S8	8	("20060161269" "4443866" "5308926" "5615106" "6174196" "5537109" "7629181" "6913471").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/05 07:57
S9	17	("5308926").URPN.	USPAT	OR	ON	2007/10/05 08:03
S10	20	("4443866").URPN.	USPAT	OR	ON	2007/10/05 08:06
S11	680	backplane and diagonal\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/05 08:06
S12	78	backplane and (diagonal\$3 with (contacts\$1 signal\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/05 08:11
S13	1056	backplane same pattern	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/05 08:19

### EAST Search History

S14	356	S13 and (control with signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 08:13	
S15	9	(backplane with (wi\$13 near 2 coupl\$3)) same slot\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 08:18	
S16	178	S13 same contacts	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 08:33	
S17	51	("2007025094" "4648668" "6238245" "6771514" "5011418" "5195262" "70083422" "20030040881" "2003006550" "20060046568" "5491830" "5895276" "6078504" "6080930" "20040024940" "2564343" "3853379" "5451168" "6086425" "6105090" "6781830" "6897377" "20030026082" "20040085728" "20060199407" "7436406" "4858231" "4935864" "5119486" "5172306" "5388099" "5432788" "5783777" "5832275" "5940288" "5959847" "59595376" "6018529" "6175508" "6202110" "6247078" "6313997" "63330168" "63330328" "6418026" "6452700" "6532558" "6587461" "6587470" "6614811"). pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/05 08:44	
S18	5	("3992686"   "4638333" "4885741" "51033378"   "5122691").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/05 08:35	
S19	14	("538099").URPN.	US-PGPUB; USPAT	OR	ON	2007/10/05 08:36	

### EAST Search History

S20	48	("5348482" "5376011" "4789352" "4834665" "5846699" "4869673" "5381314" "5974489" "4867690" "4966556" "5256073" "5390081" "5436794" "5726506" "6024587" "3858154" "4307927" "4437717" "4550362" "4776805" "5863388" "5229652" "5296748" "5384492" "5443401" "5519584" "5520622" "5563450" "5568050" "5636347" "5711677" "5716220" "5718038" "5831351" "5844777" "5895276" "6030230" "6116924" "61222176" "6222708" "6224413" "6222708" "6224413" "6255588" "6276945" "6472599" "6629853" "6733301" "6932649" "6966784").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 08:44	
S20	48	("5348482" "5376011" "4789352" "4834665" "5846699" "4869673" "5381314" "5974489" "4867690" "4966556" "5256073" "5390081" "5436794" "5726506" "6024587" "3858154" "4307927" "4437717" "4550362" "4776805" "5863388" "5229652" "5296748" "5384492" "5443401" "5519584" "5520622" "5563450" "5568050" "5636347" "5711677" "5716220" "5718038" "5831351" "5844777" "5895276" "6030230" "6116924" "61222176" "6222708" "6224413" "6222708" "6224413" "6255588" "6276945" "6472599" "6629853" "6733301" "6932649" "6966784").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 08:44	
S21	10121	(control\$4 manad\$3) with (adjacent neighbor successor predecessor next previous) with (card\$1 slot\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 09:13	
S22	63	S21 same backplane	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 09:07	
S23	32	backplane and (safety adj function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 09:07	
S24	5	("5099449"   "6154683"   "6549034"   "6555935"   "6739767").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/05 09:10	
S25	353	(malfunction crash failure heartbeat) with (adjacent neighbor successor predecessor next previous) with (card\$1 slot\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 09:35	
S26	21	S25 and backplane\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 09:19	
S27	4	("4984240"   "62771605"   "6615362"   "6792558").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/05 09:18	

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S28	84	S25 and assembly	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 09:19	
S29	80	S28 not S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/05 09:20	
S30	3142	(malfunction crash failure heartbeat) with (adjacent neighbor successor predecessor next previous) with (device\$1 peripheral\$1 module\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:57	
S31	669	S30 same (backplane bus contact signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/09 14:15	
S32	219	(714/44).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OFF	2007/10/05 12:26		
S33	2	("6,631,476").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OFF	2007/10/05 12:50		
S34	2	("6,488,473").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OFF	2007/10/05 12:51		
S35	155	(malfunctioning) with (adjacent neighbor successor predecessor next previous) with (device\$1 peripheral\$1 module\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:15	
S36	8	"710".das. and "714".das. and "361".das.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:09	
S37	1	(malfunctioning) with (adjacent neighbor successor predecessor next previous) with (blade)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:15	

## EAST Search History

S38	138	(malfunction crash failure heartbeat) with (adjacent neighbor successor predecessor next previous) with (blade)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:24	
S39	2542	(malfunction crash failure heartbeat) with (adjacent neighbor successor predecessor next previous) with (blade)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:33	
S40	652	S39 and ("710".das. "709".das. "714".das. "361".das. "370".das.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:39	
S41	2	("4654852").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/10 06:39	
S42	12	("20030158936"   "20040100971"   "5390326"   "588827"   "6072857"   "6304546"   "6389550"   "6389551"   "6609213"   "6654801"   "6725401"   "67288956").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/10 06:46	
S43	0	("6928589").URPN.	USPAT	OR	ON	2007/10/10 06:48	
S44	529	card adj shelves	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:54	
S45	11	("6359565").URPN.	USPAT	OR	ON	2007/10/10 06:53	
S46	12689	rackmount\$3 (rack adj mount\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:54	
S47	529	(card adj (shelf shelf\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:57	
S48	2676	(S46 S47) and (malfunction\$3 crash failure heartbeat)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 07:10	

**EAST Search History**

S49	131	(S46 S47) and ((malfunction\$3 crash failure heartbeat) same (backplane sideband))	US-PPGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 06:59
S51	1811	(S46 S47) and ((adjacent neighbor successor predecessor next previous) with (device\$1 peripheral\$1 module\$1))	US-PPGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 07:12
S52	292	(S46 S47) and (((adjacent neighbor successor predecessor next previous) with (device\$1 peripheral\$1 module\$1)) same (monitor\$3 determine\$3))	US-PPGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/10 09:20